

ABSTRACT OF THE DISCLOSURE

SURFACE TREATMENT METHOD AND SYSTEM

A pulse voltage of duty ratio 5% or below and repetition frequency 400 KHz or above is supplied in order to suppress the notch, charge build-up damage, sub trench and bowing due to the electron shading phenomenon. Thus, a cycle for accelerating electrons occurs in the substrate bias, so that the electron shading phenomenon does not occur.

(Figure 1 should accompany the abstract when published)